Problem-Solution fit canvas 2.0

Purpose / Vision

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

Authorities responsible for the river water supply.

6. CUSTOMER — CC

- The sensors are very expensive. Moreover their maintenance cost is also very high. This leads to higher cost on the regulatory body.
- Mounted Sensors may get damage during natural disasters and often by aquatic animals.

5. AVAILABLE SOLUTIONS — AS

- Manual Method of water quality monitoring.
- Nodal network method of water quality monitoring

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

- To Monitor the temperature and pH level in the river water
- To Find the dust particles in the water
- To Control the temperature and pH level in river water

9. PROBLEM ROOT CAUSE — RC

- Eutrophication due to algae present in the water
- Water pollution cause the water borne disease to the localities

7. BEHAVIOUR — BE

- To detect the dust particles, pH monitoring, temperature monitoring.
- It reduces the manpower and user friendly.
- Easier tracking and reporting continuously.

Focus on J&P, tap into BE, understand RC

Identify strong TR & EM

3. TRIGGERS — TR

The collected data is analyzed and the pollution of water can be investigated by a stringent mechanism.

4. EMOTIONS: BEFORE / AFTER — EM

- Before: time taken process , manpower utilization
- After : less time taken , reduce manpower

10. YOUR SOLUTION — SL

- The application monitors the parameters and control them and give the alter message to the authorities.
- It is user friendly and reduce the human intervention.

8. CHANNELS of BEHAVIOUR — CH

Online

It stores the continuously for future use and gives the real time values

Offline

It consists of sensor to monitor the temperature and pH level in the water

Extract online & offline CH of BE

AMALTAMA